## **ABSTRACT**

The present invention aims to present an angular velocity sensor having a self diagnosis function.

An angular velocity sensor of the present invention includes a driving part for stably vibrating a driving part of a sensor element having a driver part and a detector part for detecting an angular velocity and detection means for detecting the angular velocity of the sensor element and obtains a self diagnosis signal for a malfunction by detecting a mechanical coupling signal obtained at the detection means.

## BEST AVAILABLE COPY